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[HTML] **Optimizing** the **migration** of **virtual** computers   usenix.org [HTML]
CP Sapuntzakis, R Chandra, B Pfaff, J Chow, ... - ACM SIGOPS ..., 2002 - usenix.org
... On larger installs, the cost of transferring the disk via HCP is **near** that of the original ... Hashing
is designed as an **optimization** for slow network connections; on a fast network, hashing can ... Much
work was done in the 1970s on **virtual machines** at the hardware level[9] and interest ...
Cited by 268 - Related articles - Cached - BL Direct - All 55 versions

[CITATION] JESSICA2: A Distributed Java **Virtual Machine** with Transparent Thread **Migration** Support£   psu.edu [PDF]
W Zhu, CL Wang, FCM Lau
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[BOOK] **Virtual machines**: versatile platforms for systems and processes   psu.edu [PDF]
JE Smith, R Nair - 2005 - books.google.com
... 4.5 Code Reordering 186 4.6 Code Optimizations 201 4.7 Same-ISA **Optimization** Systems:
Special ... Chapter One Introduction to **Virtual Machines** Modern computers are among the most
advanced human ... most concerned with the abstraction levels that are at or **near** the hardware ...
Cited by 274 - Related articles - Library Search - All 6 versions

[CITATION] **Virtual machine** monitors: Current technology and future trends
M Rosenblum, T Garfinkel - Computer, 2005
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[PDF] The Jikes research **virtual machine** project: building an open-source research community   psu.edu [PDF]
B Alpern, S Augart, SM Blackburn, M Butrico, A ... - IBM Systems ..., 2005 - Citeseer
... the project was to simply improve the state of the art in **virtual-machine** technology ... tests on several
configurations of the system, varying policies for garbage collection, **optimization**, and assertion ...
To address these issues, the project committed to **migrate** to a CVS 16 (Concurrent ...
Cited by 84 - Related articles - View as HTML - BL Direct - All 21 versions

[CITATION] **Virtual machine** hosting for networked clusters: Building the foundations for "autonomic" orchestration   psu.edu [PDF]
L Grit, D Irwin, A Yumerefendi, J Chase
Cited by 59 - Related articles - All 23 versions

Towards **virtual** networks for **virtual machine** grid computing   northwestern.edu [PDF]

Al Sundararaj, PA Dinda - ... of the 3rd conference on **Virtual Machine** ..., 2004 - portal.acm.org
... 31. [31] SAPUNTZAKIS, CP, CHANDRA, R., PFAFF, B., CHOW, J., LAM, MS, AND ROSENBLUM:,
M. **Optimizing** the **migration** of **virtual** ... Ganesh Venkitachalam , Beng-Hong Lim, Virtualizing I/O
Devices on VMware Workstation's Hosted **Virtual Machine** Monitor, Proceedings ...
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[CITATION] High performance **virtual machine migration** with RDMA over modern interconnects
W Huang, Q Gao, J Liu, DK Panda - 2007 IEEE International Conference on Cluster ..., 2007
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[PDF] Bilevel parallel genetic algorithms for **optimization** of large steel structures
KC Sarma, H Adeli - Computer-Aided Civil and ..., 2001 - blackwellpublishing.com
... structures are presented in this section using the processor farming and **migration** schemes. ... The
parallel fuzzy GA for **optimization** of steel struc- tures based on the processor ... dynamic load
balancing and message-passing constructs from the Parallel **Virtual Machine** (PVM) API ...
Cited by 35 - Related articles - BL Direct - All 7 versions

Design and implementation of a distributed **virtual machine** for networked computers
EG Sirer, R Grimm, AJ Gregory, BN ... - ACM SIGOPS Operating ..., 1999 - portal.acm.org
... shortcomings by decoupling verification from the rest of the VM, **migrating** its functionality ... Java
applications and utilized this data in designing a transparent **optimization** service [Aldrich ... 3.4
Compilation Compilation in monolithic **virtual machines** is typically accomplished by a just ...
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psu.edu [PDF]

W Zhu, CL Wang, FCM Lau

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[CITATION] Towards autonomic **virtual applications** in the in-vigo system

rutgers.edu [PDF]

J Xu, S Adabala, JAB Fortes

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Balancing active objects on a peer to peer infrastructure

inria.fr [PDF]

J Bustos-Jimenez, D Caromel, A Di ... - Proceedings of the ..., 2005 - ieeexplore.ieee.org

... group of results [2]. ProActive provides a way to move any active object from any Java **Virtual Machine** (JVM) to ... With this group of **machines** we used the P2P infrastructure to share JVMs ... If this update time is less than mi- gration time, extra **migrations** which affects the **application** ...

Cited by 17 - Related articles - All 14 versions

Thread **migration** and its **applications** in distributed shared memory systems1

A Itzkovitz, A Schuster, L Shalev - Journal of Systems and Software, 1998 - Elsevier

... We also explain the benefits of dynamic **load** distribution schemes and thread **migration** in multithreaded DSM systems. ... algorithm may do very well even if **machines** know the **status** of only part of the other **machines** in the ... Multiple threads within a process share its **virtual** space. ...

Cited by 106 - Related articles - All 9 versions

PVM: Experiences, current **status** and future direction

D Beguelin, M Geist, W Otto - 1993 - computer.org

... we will also develop tools for mon- itoring overall system **load**, resource availability ... The CPE will also provide a runtime environment and target (**virtual**) **machine** for compilers such ... system will support automatic redistribution of work, through dynamic process **migration**, in order ...

Cited by 54 - Related articles - All 7 versions

AdJava: automatic distribution of Java **applications**

psu.edu [PDF]

MM Fuad, MJ Oudshoorn - Proceedings of the twenty-fifth ..., 2002 - portal.acm.org

... On the other hand, the agents pass their current **load status** which is used by the root daemon to ... After **migration** of an object, the table is updated to reflect the new address of the object. ... values in RMI calls, it can pass the true type of an object from one **virtual machine** to another ...

Cited by 28 - Related articles - All 12 versions

Portable support for transparent thread **migration** in Java
psu.edu [PDF]

E Truyen, B Robben, B Vanhaute, T Coninx, W ... - ... Agents, and **Applications** - Springer
... used in the Java byte code verifier, as described in the Java **Virtual Machine** specification [6 ... the external control instance to discover when an agent's task is ready for **migration.** We demonstrated a **load** balancing **application** using this variant execution model at OOPSLA'99 [10 ...

Cited by 123 - Related articles - BL Direct - All 22 versions

[CITATION] Magnet: A novel scheduling policy for power reduction in cluster with **virtual machines**

L Hu, H Jin, X Liao, X Xiong, H Liu - 2008 IEEE International Conference on Cluster ..., 2008
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[PDF] Transparent process **migration** for distributed **applications** in a Beowulf cluster
psu.edu [PDF]

M Claypool, D Finkel - ... of the International Networking Conference (INC), ..., 2002 - Citeseer
... simplify the creation of distributed parallel **applications** for Beowulf clusters: • PVM, Parallel **Virtual Machine**, is a ... An important aspect of any process **migration** scheme is how to decide when to transfer ... available or nodes that need to off-**load** work broadcast their **status** to all the ...

Cited by 11 - Related articles - View as HTML - All 7 versions

[CITATION] Dynamic **load** balancing of distributed SPMD computations withexplicit message-passing
psu.edu [PDF]

M Cermele, M Colajanni, G Necci - ... Workshop, 1997.(HCW'97) Proceedings., Sixth, 1997
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